

PA&lunga smash

- Gravity **10.7 BLG**
- ABV ---
- IBU **34**
- SRM **8.8**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **10 liter(s)**
- Total mash volume **15 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **10 liter(s)** of strike water to **80C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **22.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (100%)	79 %	12

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	20 g	60 min	11 %
Aroma (end of boil)	lunga	30 g	5 min	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-05	Ale	Slant	100 ml	Safale